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1951

MILLER DAHLIA FARMS

R. C. MILLER, Prop.

"The Highest Quality Dahlia Roots Obtainable"

13041 Twenty-fourth Avenue South

Seattle 88, Wash.



TWENTY-FIRST ANNUAL CATALOG

Postmaster: Return Postage Guaranteed

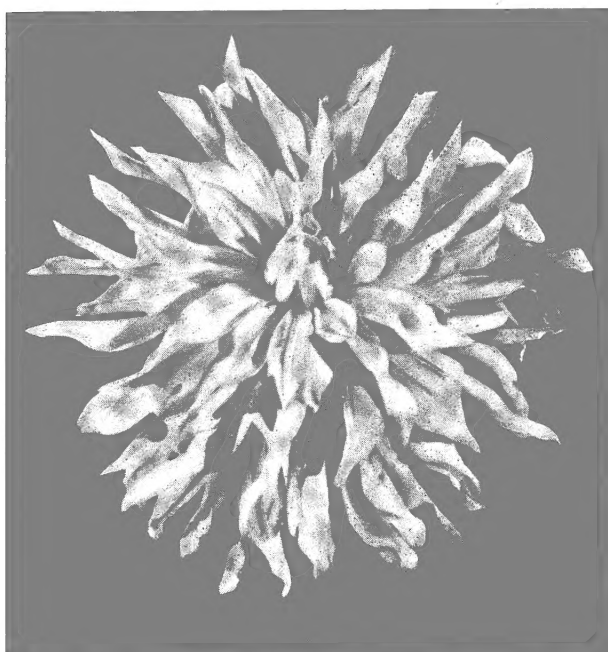
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★ FEB 28 1951 ★

U. S. Department of Agriculture

Da

DAHLIAS for 1951



Betty Hubbard



DESCRIPTIONS—Following the name of each variety here, the classification is first given, then the originator or introducer and the year the variety was first offered for sale. The size is indicated next—diameter X depth in inches of the bloom, then the height of the plant in feet. The length of the stem in inches from the first bud or leaf below the bloom is next.

PRICES—are for single root divisions and include Parcel Post charges, packing, etc. The only additional charges are when a small shipment must be sent Express, due to danger of freezing in transit early in the season, or C. O. D. shipments.

IDENTIFICATION OF ROOTS—Stamped indelibly on each root is its name. This is done at the time of dividing the clumps so that there is very little possibility of a root being mislabeled.

SUBSTITUTIONS—Stock of some varieties may not be equal to the demand, and to save time and correspondence or the necessity of a refund, it is suggested the customer allow the privilege of substituting similar varieties when necessary, especially in later orders. Extra value is always given in such cases.

No shipments will be made East of the Pacific Coast States before April 1st, except at customer's risk of damage by freezing.

Orders for Texas and the Gulf States will be made only via Express before April, the Express charges being added to the cost to the customer, on orders of less than \$10.00.

Parcel post and Express charges (on orders of over \$10.00 for the latter) are paid by the Miller Dahlia Farms.



BEAUTIFUL DAHLIA GARDEN FROM OUR STOCK

Wellsville, Mo., Nov. 13, 1950—"I have a beautiful Dahlia garden and most of the bulbs have been bought from you, through the years."—Mrs. G. H.



Azura

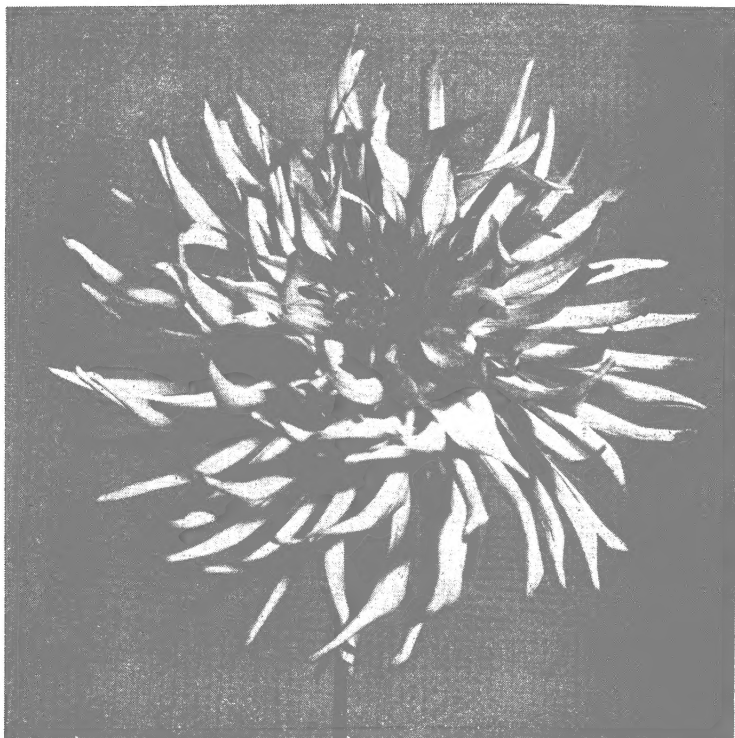
VARIETIES OFFERED and RECOMMENDED

- ALL AMERICAN, S.C.**, (Salem D. G., 1941), 10x4—3'. 10" stiff stems. Blooms facing and skyward. Soft carmine rose, suffused orange. Early and profuse.....\$.50
- ALTMARK, S. C.** (from Europe, 1935), 8x4-3'. 12" wiry stems. Blooms facing. White centers, shading to lilac on outer florets. Early and profuse..... .25
- AZURA, I. D.** (Ballay, 1936), 11x5-5'. 16" extra heavy straight stems. Blooms facing. A glowing shade of deep lilac. Lot g heavy florets, nicely curled. Heavy foliage..... .60
- BETTY HUBBARD, S.C.** (Armstrong 1939), 10x6—4½'. 10" stiff wiry stems. Perfectly facing. Clear deep yellow. Full bloom, high center, good keeper.....50¢
- BLUE RIVER, F. D.** (Salem D. G., 1935), 9x3-4½'. 10" stiff stems. Blooms facing. Bluish mauve, nearly blue. Long heavy florets in a full bloom..... .40
- BRIGHT EMBERS, I.D.** (Miller D. Farms, 1941), 8x4—4'. 12" straight strong stems. Blooms facing. Rose scarlet, with bright gold shadings at the base of the florets, giving the effect suggesting the name. Excellent substance therefore a splendid keeping flower when cut. Very profuse.....40¢



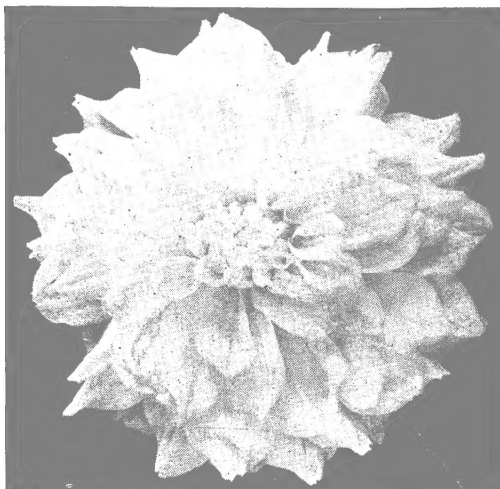
Bright Embers

"The Highest Quality Dahlia Roots Obtainable"

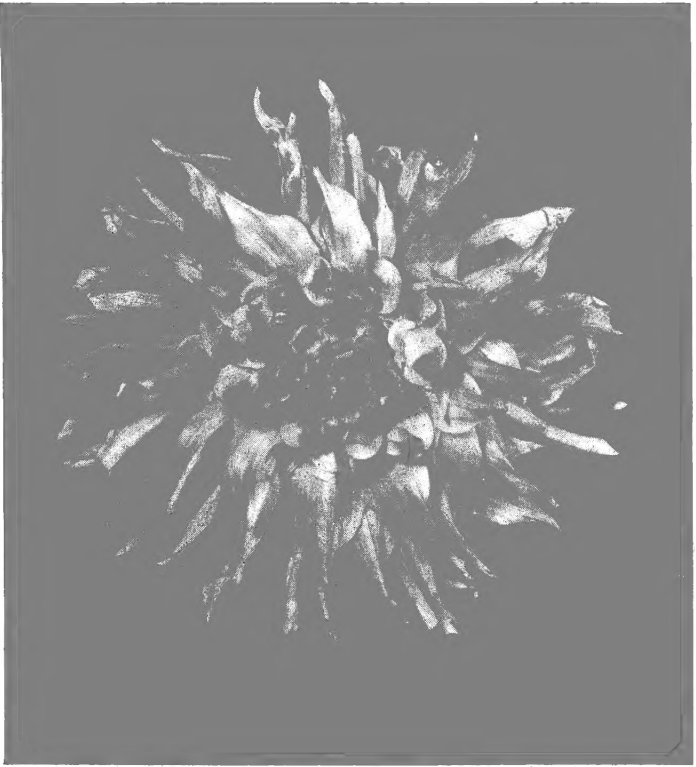


Crowning Glory

- CHARLES L. MASTICK, F.D.** (Tyler, 1937), 9x5—4'. 12" straight strong stems. Bright orange with pink reverse. Full bloom, excellent cut flower.....**35¢**
- CLAIRE FLEETWOOD, I. D.**, 8x4-3'. 12" stiff stems. Blooms facing. Soft orchid pink, full blooms..... **.40**
- CLARA CARDER, I.D.** (Kemp, 1935), 10x5—3'. 10" straight stiff stems. Blooms facing. Glowing cyclamen pink, deepening at center. Broad florets uniformly curled.....**25¢**
- CLARIAM KELTON, I. D.** (Wol-Rock, 1945), 9x4-4'. 14" stiff stems. Blooms facing. Bronzy red, reverse of yellow showing, as florets curl. Early..... **.75**
- COMMANDO, F. D.** (Aust, 1944), 9x5-3'. Blooms facing and partly skyward. Light purple..... **.60**



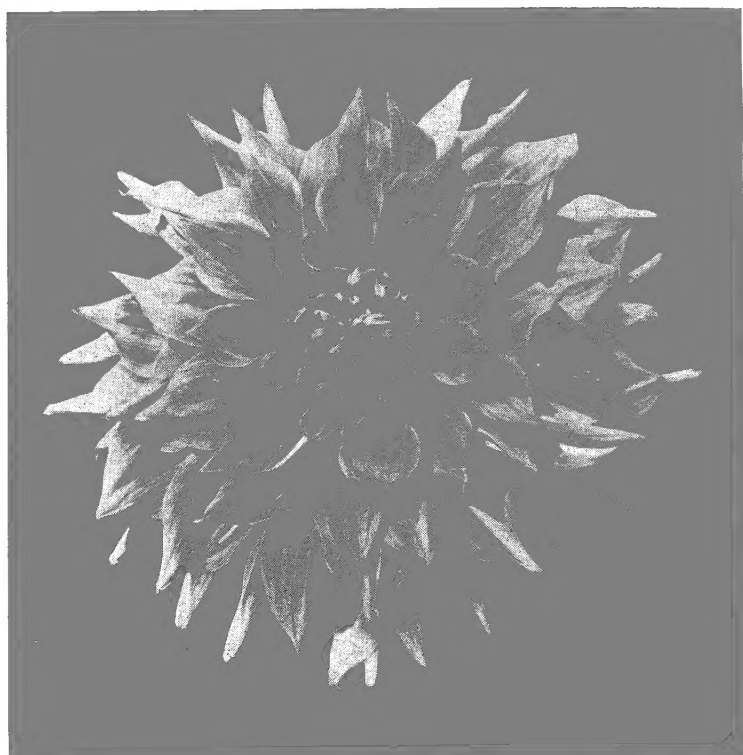
Darcy Sainsbury



Delightful

- CORNELIA B. PINCHOT, I. D.** (Veile 1935), 10x5-5'. 12" stiff stems. Blooms facing. Glowing burgundy red, a full bloom with long curled florets.....40c
- CROWNING GLORY, S.C.**, (Salem D. G., 1941), 9x4-3'. 10" wiry stiff stems. Blooms facing. Creamy yellow center, shading to mallow pink on outer florets. Long narrow florets of good substance..... .75
- CROYDON LILAC, F. D.**, (from Australia), 6x3-5'. 14" stiff stems. Blooms facing. Pure light lavender.....40c
- DARCY SAINSBURY, F.D.** (from Australia, 1937), 9x5-4'. 14" strong, straight stems. Blooms facing well above the foliage. Creamy white. Long, heavy florets of good substance, good keeper. Still one of the outstanding whites.....40c
- DELIGHTFUL, I. D.**, (Miller Dahlia Farms 1946), 10x6-4'. 16" strong stiff stems. Blooms skyward and facing. Light orchid, flushed white. Long pointed florets, full high center.....85c
- DUSKY ROSE, I. D.** (Miller D. Farms, 1947), 7x4-4'. 15" stiff wiry stems. Blooms facing. Old rose shaded apricot and tan. Gracefully twisted and folded florets. Very profuse and a good keeper50
- FAITHFUL, S. C.**, (Dahliadel, 1945), 9x6-5'. 12" stiff stems. Blooms all facing. White. Full bloom, good keeper..... .85
- FLORIST'S BEAUTY, F. D.** (Parella, 1945), 7x3-4'. 15" wiry stems. Perfectly facing. Amaranth purple, evenly tipped white. Pointed tip florets. Exceptionally good keeper..... .85
- GEN. J. J. PERSHING, I.D.**, (Ruschmohr, 1945), 10x5-4'. 10" strong stems. Blooms facing and skyward. Coral red, flushed light orange, dotted and striped red. Full bloom..... .75

"The Highest Quality Dahlia Roots Obtainable"



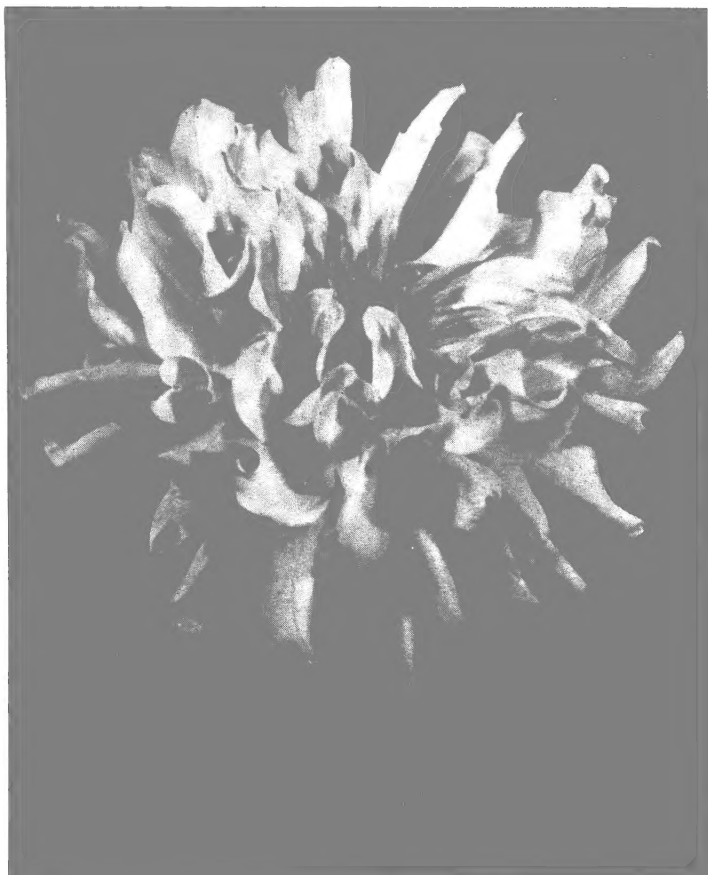
Grenadier

- GERRIE HOEK, F. D.** (from Holland, 1947), 6x3-8'. 16" stiff stems. Blooms skyward and partly skyward. Delicate shade of pink, with slight yellow shading at base of florets. A perfect flower for cutting and arrangements. Profuse..... .60
- GOLDEN ECLIPSE, F.D.**, (Badetty, 1933), 7½x4½-5'. 12" strong graceful stems. Bright gold with a shading of salmon at centers. Good keeper when cut..... .25
- GREATER GLORY, S. C.** (Salem 1937), 10x5-5½'. 12" wiry straight stems. Blooms facing above foliage. Rose pink shading to light yellow at center. Florets well rolled. Nearly a straight cactus type.....60c
- GRENADEER, I.D.**, (Miller D. Farms 1945), 10x4-4½'. 18" stiff stems. Blooms perfectly facing. Glowing crimson. Full Blooms of good substance. Florets have twisted tips..... .60



GUARANTEE—Each root sent out is carefully inspected for soundness and eyes. They are guaranteed to be free of disease and to have one or more live eyes or sprouts, and to be true to name. In the remote case of a variety proving untrue to name a replacement will be made the following spring. Any root considered unsatisfactory by the customer will be replaced or a refund sent on its return within three (3) weeks of its receipt. As the Miller Dahlia Farms has no control over the conditions under which the roots are planted by the customer, no responsibility is assumed for any rotting or failure of the roots after they are planted or used for propagating cuttings. No further obligations than the amount paid for the root is assumed under this guarantee.

We do not offer clumps or plants, just fully matured root divisions from field grown plants, grown for nothing but the best possible stock. No cut flowers have been sold from the plants, hence all possible vigor and growing qualities are in the stock you get.



Dusky Rose

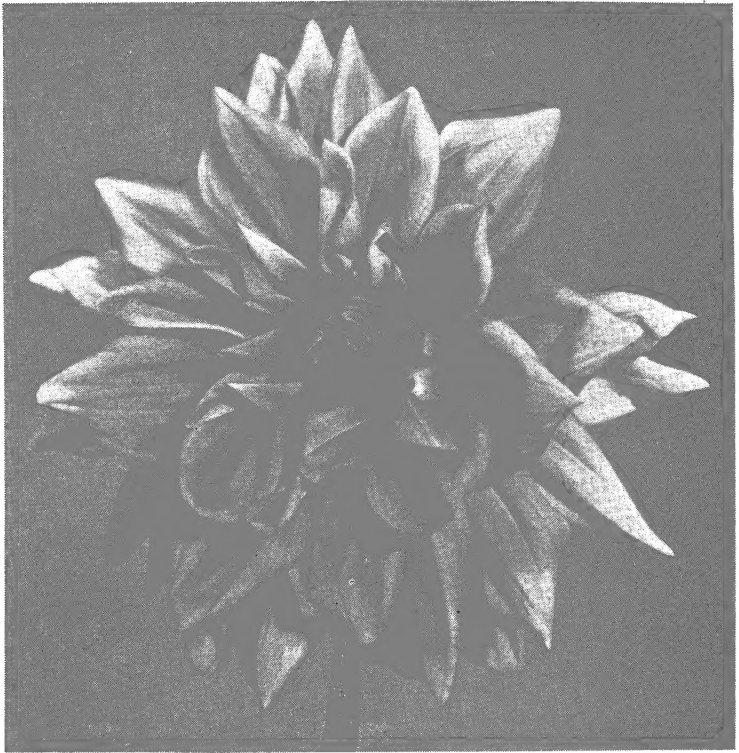
- JANINE, F.D.**, (Comstock D. G., 1941), 9x4—4'. 12" strong stems. Blooms facing. Brilliant true lavender. Long florets, good substance, a showy flower..... .40
- JERSEY'S BEAUTY, F.D.**, (Waite, 1923), 7x4—5'. 10" stiff wiry stems. Blooms facing. Eosine pink..... .25
- JUDY ANDERSON, I. D.** (Manning, 1946), 9x4-4'. 12" stiff stems. Blooms facing. Maroon red, some blooms with each floret tipped white. Good keeper..... .50
- JULIA MACK, F. D.**, 9x4-4'. 10" strong stems. Blooms facing. Brilliant scarlet..... .40
- JUSTRITE, F.D.**, (Hunter, 1932), 7x4—4'. 12" stiff wiry stems. Blooms facing. Creamy white, deeply tipped orchid. A good cut flower type..... .40
- KIRSTEN FLAGSTAD, I.D.**, (Brown, 1945), 10x5—5'. 10" strong stems. Blooms all facing. Lemon yellow, shaded apricot. Full bloom, long florets..... .85

©

Healthy Stock Makes Lovely Blooms

Crescent City, Cal., Oct. 30, 1950—" . . . took so much pleasure from your lovely Dahlias, and had such good luck this year. Was so exciting waiting for the new blooms, and they were simply lovely, nicest anyone ever grew. Thanks for the nice healthy tubers."—Miss E. P

"The Highest Quality Dahlia Roots Obtainable"



Lavanchee

- LAVANCHEE, F.D.**, (Beverley D. G., 1949), 12x5—3'. 10" strong stems. Blooms skyward and facing. Smoky Tyrian rose, with extra broad, heavy florets. Heavy tough foliage.....1.50
- LUSCIOUS, F. D.**, (Miller D. Farms 1946), 10x5-3'. 14" strong stems. Blooms facing. Light apricot buff, leathery foliage..... .50
- MAD. C. JUSSIANT, Inc. Cactus**, (fr. Belgium, 1939), 7x5—4'. 10" wiry stems. Blooms facing. Light clear violet lilac..... .60
- MAYOR FRANK OTIS, I. D.**, (Salbach 1939), 11x5-4'. 15" straight strong stems. Blooms facing. Golden yellow shaded bronze. Gracefully twisted and curled florets. Has been grown to 17 inches.....60c
- MISS ELSIE JANE, S.C.**, (Dahliadel, 1934), 6x4—5'. 12" stiff wiry stems. Blooms all facing. Shrimp pink with cream shadings, and splendid for basket work..... .40
- MISS SAN DIEGO, St. Cactus**, (Comstock, 1946), 9x4—3'. 8" strong stems. Blooms skyward. Yellow centers, outer florets amaranth pink. An outstanding Blue Ribbon Dahlia.....1.25
- M. KOL, I. D.**, 7x4-3'. 10" wiry stems. Blooms facing. Bright orange shaded light yellow, with each floret tipped white. Early and profuse. Some variegated.....25c
- MONARCH OF EAST, F. D.**, (Almy 1929), 10x5-4'. 12" strong stiff stems. Blooms facing and skyward. Rich golden yellow, light red reverse. Heavy massive blooms..... 60c

©

GRAND PRIZE WINNER

Mound, Minn., Nov. 1, 1950—"Received Grand Champion (best bloom of all flowers), on Croydon Lilac."—C. K.



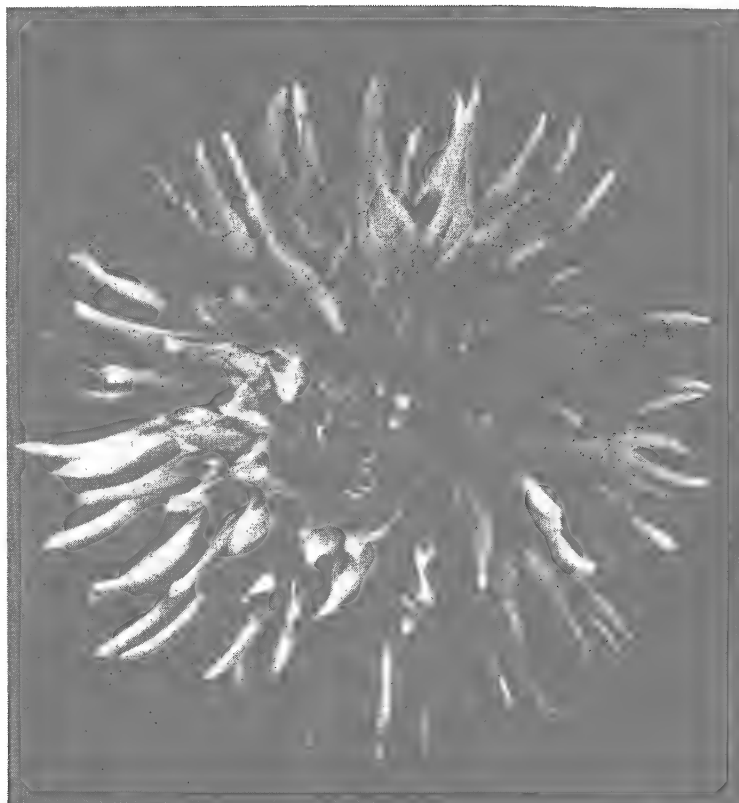
Mad. C. Jussiant

P



Miss San Diego

"The Highest Quality Dahlia Roots Obtainable"



Moulin Rouge

- MOULIN ROUGE, S.C.**, (Beverley D.G., 1949), 7x4—5'. 12" strong stiff stems. Blooms facing. Vivid scarlet, a profuse bloomer and an excellent cut flower.....1.25
- MRS. A. WARD, F.D.**, (fr. Australia, 1935), 9x4—4'. 12" stiff stems. Blooms facing. Blended old gold and salmon. Broad florets in a full bloom..... .20
- MRS. E. HOWELL, I.D.**, 9x3—3'. 10" strong stems. Blooms mostly skyward. Crimson rose, flushed gold at base..... .40

ACKNOWLEDGMENT OF ORDERS

ALL ORDERS are either shipped the day following receipt here, or notice sent to the customer by return mail.

Make checks and money orders payable to **MILLER DAHLIA FARMS**. Cash, stamps and currency accepted only at sender's risk.

SALES TAX, Residents of Washington only add 3% to cover the State Sales Tax.

On account of the extra bookkeeping and cost, we do not solicit C.O.D. orders, but will accept such orders for amounts of over \$10.00 only when at least 25% of the amount is sent with the order. All other orders require payment with the order.

THE PRICES AND OFFERINGS in this catalog cancel all previous prices and listings. There is no stock available not listed herein.

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Discounts either in roots of our selection or in cash to be deducted from the gross amount of the order are allowed as follows:—

Orders of over \$10.00	10%
Orders of over \$20.00	15%
Orders of over \$30.00	20%

The discount to which your order entitles you may be deducted in sending in the remittance with your order, or will be supplied by me in the form of extra roots of my selection in which case usually somewhat better value is given than the exact amount as listed.

No other discounts or wholesale prices are available.

IDENTIFICATION OF ROOTS—Stamped indelibly on each root is its name. This is done at the time of dividing the clumps so that there is very little possibility of a root being mislabeled.

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MILLER DAHLIA FARMS

R. C. MILLER, Prop.,

13041 24th Ave. So.

Seattle 88, Wash.

ORDER SHEET

MILLER DAHLIA FARMS

R. C. Miller, Prop.
13041 24th Avenue So.
Seattle 88, Wash.

Dear Sir:

Enclosed find check \$..... M. O. \$.....

You may send me the items checked on the following list. I
would like to receive them about.....

(Name)

Street or R.F.D. No.....

City..... State.....

Please note our Zone Number: Seattle 88, Wash.

Quantity Ordered	Variety	Amount Each	Total
.....	All American.....	@ \$0.50	\$.....
.....	Altmark	@ \$0.25	\$.....
.....	Azura	@ .60	.....
.....	Betty Hubbard.....	@ .50	.....
.....	Blue River	@ .40	.....
.....	Bright Embers.....	@ .40	.....
.....	Chas. L. Mastick.....	@ .35	.....
.....	Claire Fleetwood.....	@ .40	.....
.....	Clara Carder	@ .25	.....
.....	Clariam Kelton	@ .75	.....
.....	Commando	@ .60	.....
.....	Cornelia B. Pinchot.....	@ .40	.....
.....	Crowning Glory.....	@ .75	.....
.....	Croydon Lilac	@ .40	.....
.....	Darcy Sainsbury	@ .40	.....
.....	Delightful	@ .85	.....
.....	Dusky Rose	@ .50	.....
.....	Faithful	@ .85	.....
.....	Florists' Beauty	@ .85	.....
.....	Gen. J. J. Pershing	@ .75	.....
.....	Gerrie Hoek	@ .60	.....
.....	Golden Eclipse	@ .25	.....
.....	Greater Glory	@ .60	.....
.....	Grenadier	@ .60	.....
.....	Janine	@ .40	.....
.....	Jersey's Beauty.....	@ .25	.....
.....	Judy Anderson	@ .50	.....
.....	Julia Mack	@ .40	.....
.....	Justrite	@ .40	.....
.....	Kirsten Flagstad.....	@ .85	.....
.....	Lavanchee	@ 1.50	.....
.....	Luscious	@ .50	.....
.....	Mad. C. Jussiant.....	@ .60	.....
.....	Mayor Frank Otis.....	@ .60	.....
.....	Miss Elsie Jane.....	@ .40	.....
.....	Miss San Diego.....	@ 1.25	.....
.....	M. Kol.....	@ .25	.....
.....	Monarch of East.....	@ .60	.....
.....	Moulin Rouge	@ 1.25	.....
.....	Mrs. A. Ward.....	@ .30	.....
.....	Mrs. E. Howell.....	@ .40	.....
.....	Mrs. E. J.....	@ .75	.....
.....	Mrs. Ella Worthen.....	@ .25	.....
.....	Mrs. Geo. LeBoutellier.....	@ .25	.....

Quantity Ordered	Variety	Amount Each	Total
.....	Mt. White Horse.....	@ .50	.....
.....	Ogden Reid.....	@ 1.00	.....
.....	Passion	@ .40	.....
.....	Poinsetta	@ .25	.....
.....	Ray Smith.....	@ .75	.....
.....	Rouge Boquet	@ .50	.....
.....	Ruffles	@ 1.00	.....
.....	Sagamore Beauty	@ .20	.....
.....	Santa Claus	@ 1.00	.....
.....	Snow Pillow.....	@ .85	.....
.....	Sultan of Hillcrest.....	@ .40	.....
.....	Sunny	@ .60	.....
.....	The Commodore.....	@ .20	.....
.....	Tops	@ .85	.....
.....	Virginia Rute.....	@ .85	.....
.....	Volga River	@ .50	.....
.....	Warrior	@ .50	.....
.....	Winter Wonderland.....	@ .60	.....

MINIATURES

.....	Baby Royal	@ \$0.20	.....
.....	Barbara Doane	@ .25	.....
.....	Buckeye Baby.....	@ .30	.....
.....	Carlotta	@ .20	.....
.....	Dad's Own.....	@ .35	.....
.....	Delicat	@ .20	.....
.....	Happy-Go-Lucky	@ .30	.....
.....	Hot Shot.....	@ .25	.....
.....	Lily Belle	@ .35	.....
.....	Lina Linfield.....	@ .30	.....
.....	Market Jewel	@ .25	.....
.....	Orchid Lady	@ .25	.....
.....	Persimmon	@ .25	.....
.....	Snowball	@ .20	.....
.....	Snow Queen	@ .20	.....
.....	Sorghveliet	@ .25	.....
.....	South Seas	@ .20	.....
.....	Springhill Rose.....	@ .25	.....
.....	Tip	@ .40	.....
.....	Wine Drop	@ .25	.....

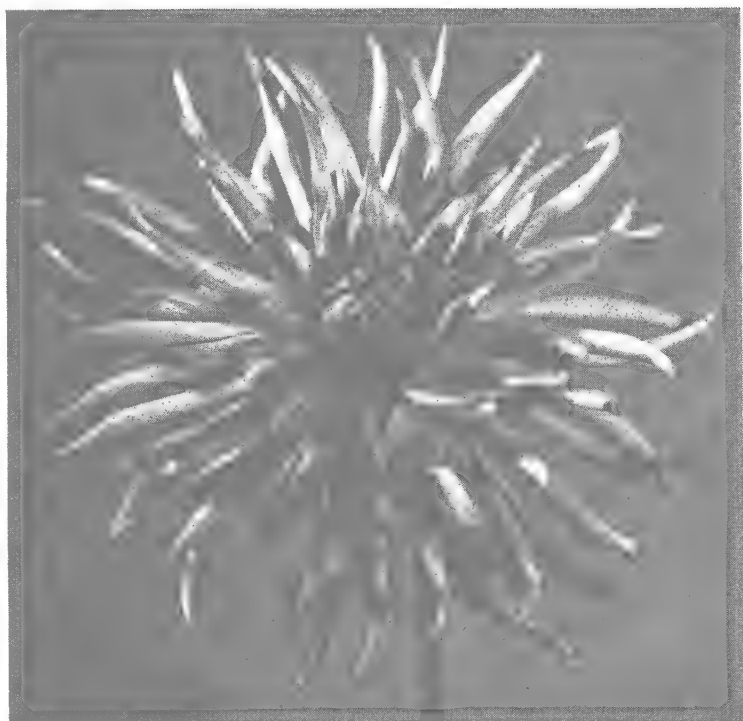
POMPONS — All 25c Per Root

.....	Alice	.....	Hazel Dell
.....	Allen H.	.....	Helen Anita
.....	Amber Queen	.....	Iolanthe
.....	Betty Ann	.....	Joe Fette
.....	Blue Dot	.....	Leta
.....	Coquette	.....	Libby Rohr
.....	Cornelia	.....	Mary Munns
.....	Doria	.....	Nerissa
.....	Edith Mueller	.....	Speckles
.....	Eunice	.....	Taakas Purple
.....	Eureka	.....	Taakas Yellow
.....	Gerda	.....	Valiant
.....	Goldie	.....	Yellow Gem

.....	Pompons	@ \$0.25	\$.....
.....	Total.....		\$.....
.....	Less Discount @.....		\$.....
.....	Net Amount.....		\$.....

Add 3% Sales Tax in State of Washington

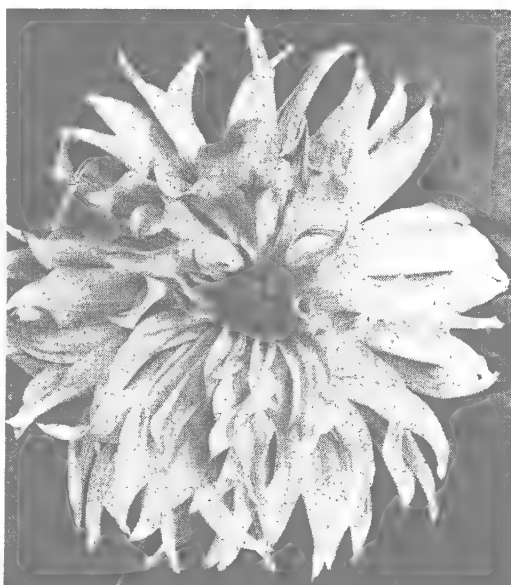
Use this side for correspondence



Mrs. E. J.

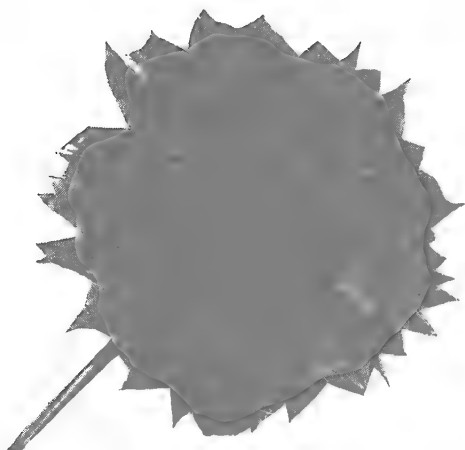
MRS. E. J., St. Cact. (Rocky River 1946), 6x3-4'. 12" stiff stem. Bright pink, with white center and tips. Good keeper, profuse, most attractive in the garden or as a cut flower..... .75

MRS. ELLA WORTHEN, S.C. (Garrity, 1933), 10x4—5½'. 15" stiff straight stems. Blooms facing. Salmon pink with yellow shadings. Long graceful florets, with unusual high centers. A little late, but its large beautiful blooms excite universal admiration for its grace and color shading..... .25



Mrs. Ella Worthen

"The Highest Quality Dahlia Roots Obtainable"



Mrs. George le Boutellier

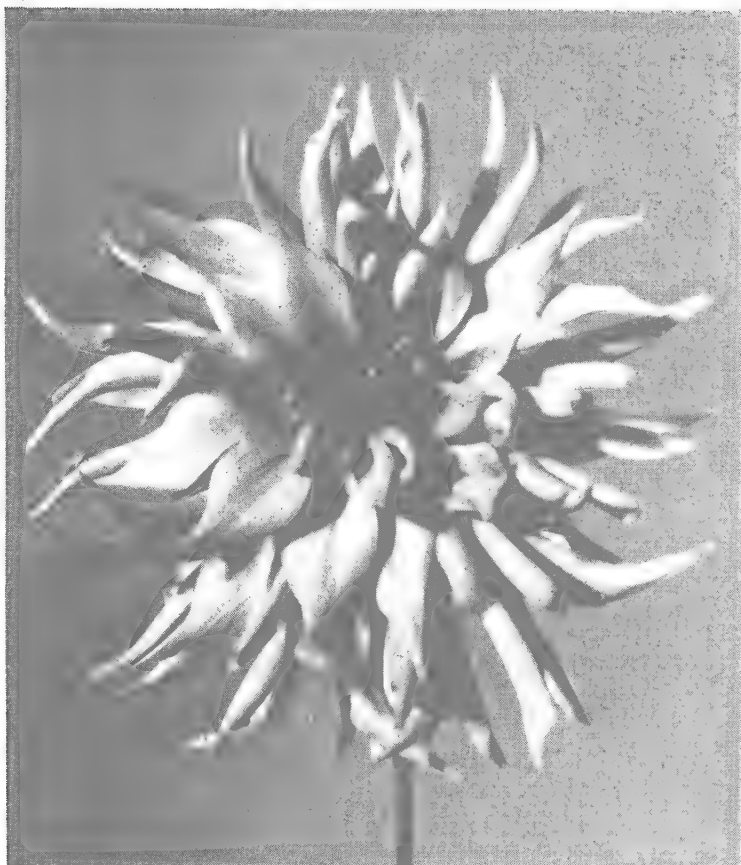
MRS. GEORGE LE BOUTELLIER, I.D. Ruschmohr, 1935). 10x5—3½'. 15" heavy stems. Blooms normally facing, but sometimes too heavy growth will cause drooping. Deep carmine red, a brilliant rich color on a most spectacular bloom. Leathery foliage, dark stems..... .25

MT. WHITE HORSE, I.D., (Tower, 1938), 10x4—5'. 12" stiff wiry stems. Blooms skyward, some facing. White with creamy center. Narrow curled florets..... .50

OGDEN REID, I. D. (Parella, 1945), 10x5-3'. 12" strong stems. Blooms facing. Bright clear pink, full bloom.....1.00

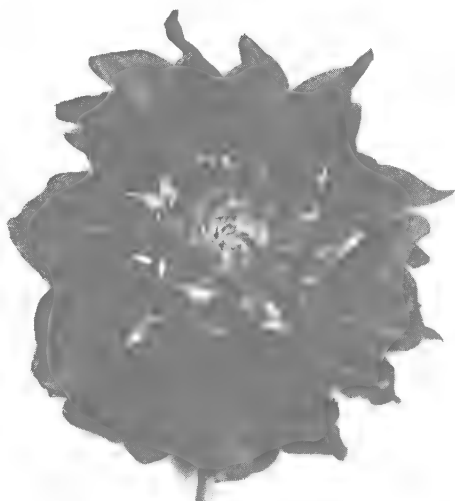


Mount White Horse



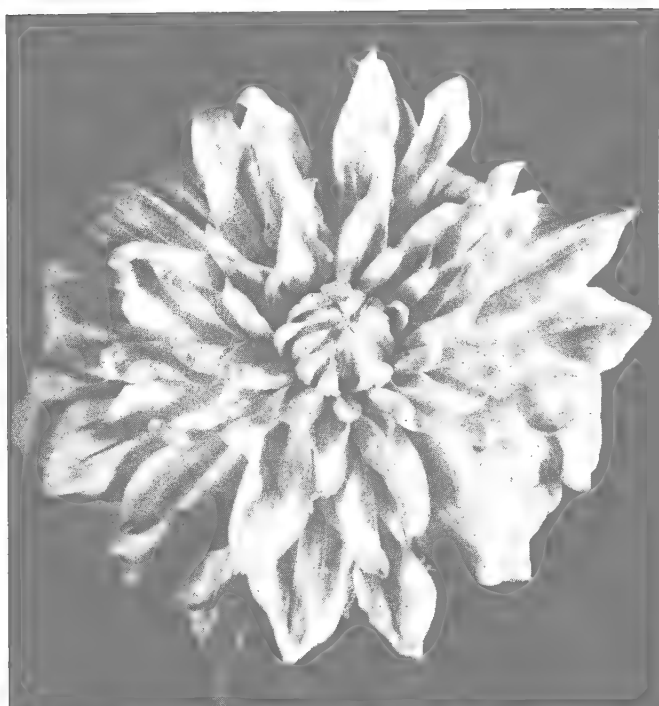
Ray Smith

- PASSION, F. D.**, (Miller D. Farms 1946), 9x4-3'. 15" stiff strong stems. Blooms facing. Rich deep velvety red. Broad florets of excellent substance..... .40
- POINSETTA, S.C.**, (Rindfleisch, 1931), 9x5—4'. 12" wiry stems. Blooms facing, skyward, some dipped. Unshaded Nopal red, dark foliage. Early and profuse..... .25
- RAY SMITH, S.C.**, (Schoffel, 1946), 9x5'5'. 12" stiff wiry stems. Blooms all facing. Deep lavender, or Tyrian rose. Extra early and profuse..... .75



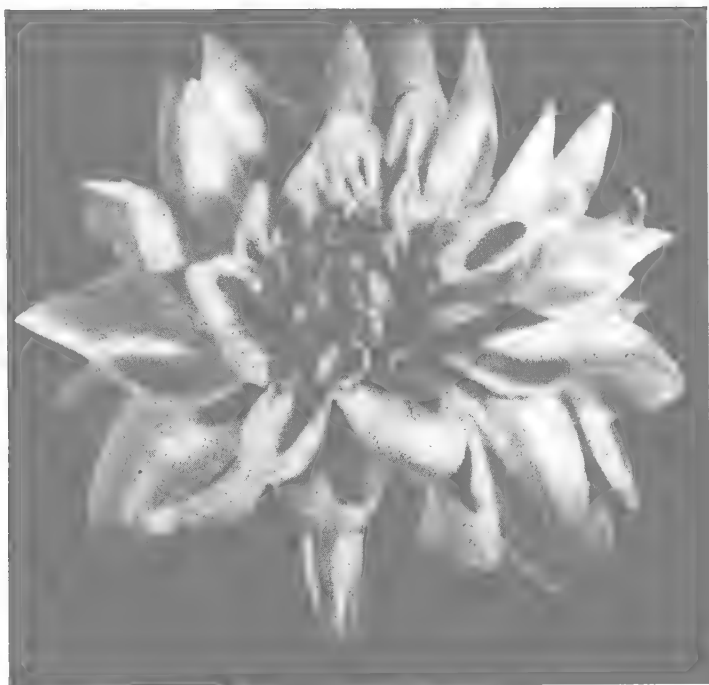
Passion

"The Highest Quality Dahlia Roots Obtainable"



Snow Pillow

- ROUGE BOQUET, S.C.**, 8x4—4'. 10" stiff stems. Blooms skyward and partly facing. Bright red, shaded yellow. Heavy bush growth. A little late blooming..... .50
- RUFFLES, I.D.**, (Wenning, 1946), 9x4—4'. 10" stiff strong stems. Blooms facing. Light rose pink. A dainty bloom, ruffled and crimped florets.....1.00
- SAGAMORE BEAUTY, F.D.**, (Shattuck 1929), 7x3—3'. 10" stiff wiry stems. Blooms facing. Rich true pink, with cream center. Early and profuse, and can hardly be equalled for Cut flowers. Heavy bush growth..... 20c
- SANTA CLAUS, I.D.**, (Dixie, 1942), 7x3—3'. 8" wiry stems. Blooms facing and some skyward. A tri-colored bloom, much variegated. Hardly two alike. Scarlet, yellow or orange, and white in varied combinations..... 1.00
- SNOW PILLOW, I. D.** (Miller D. Farms, 1946), 11x5-5'. 12" strong stiff stems. Blooms facing. White. Broad heavy curled florets. Good branching habits..... .85
- SULTAN OF HILLCREST, F.D.**, (Scott, 1933), 9x5—3'. 12" strong stems. Blooms facing. Yellow with faint touches of rose, rose reverse. Full bloom..... .40
- SUNNY, I. D.** (Miller Dahlia Farms, 1950), 5x3-3½'. 12" wiry stiff stems. Blooms facing. Bright lemon centers shading to light pink on outer florets. Very early and profuse..... .60
- THE COMMODORE, I. D.** (Kemp 1932), 10x6-3½'. 12" strong stems. Blooms facing. Solid unshaded yellow..... .20
- TOPS, S.C.**, (Dozier, 1942), 9x5—3'. 8" strong stems. Blooms facing and skyward. Clear yellow, very full bloom..... .85
- VIRGINIA RUTE, S.C.**, (Chappaqua, 1939), 10x6—5'. 10" strong stems. Blooms perfectly facing. Rich ox-blood red, with darker shadings. Long, broad florets, exceptionally high centers. Heavy foliage..... .85



Winter Wonderland

- VOLGA RIVER, I.D.**, (Feldman 1942), 10x5—4'. 15" straight strong stems. Perfectly facing. Bright scarlet with lemon yellow center and stripes running up into the florets. Full massive blooms. Early and profuse.....50c
- WARRIOR, F. D.** (Miller D. Farms, 1946), 9x4-4'. 16" stiff stems. Blooms perfectly facing. Bright scarlet. Broad florets somewhat twisted..... .50
- WINTER WONDERLAND, I. D.** (Miller D. Farms, 1947), 8x4-3'. 8" stiff stems. Blooms perfectly facing. Creamy white with faint overcast of pink..... .60

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REGARDING DATE OF SHIPMENT

Roots may be ordered at any time and will be shipped at any date desired by the customer. However, it is advisable to have them sent not too long before the time for planting, as no Dahlia grower can be responsible for any loss which may occur on account of spoiling or drying out of roots which are in the customers' hands for a month or so before planting. And where early orders are used for forcing for the purpose of making cuttings to plant, there is no guarantee against rotting of the roots in this process. In sections where the spring is backward and the ground is still cold and wet in May, it is advised to keep the roots in the peat moss in which they are packed, and they will sprout nicely with hardly any attention, so when the ground is warmed up the new plant will have a better start than if it had been put in the ground earlier. Parcel post charges are all paid by me, and express charges on large shipments, but where small orders are wanted sent during weather when freezing might occur in transit, the shipment will be made express, charges collect.



REAL BEAUTIES

Colfax, Cal., Nov. 2, 1950—"Those received last spring turned out to be real beauties."—Mrs. B. M. Y.

"The Highest Quality Dahlia Roots Obtainable"



MINIATURE DAHLIAS

MINIATURE DAHLIAS—Same types as the large ones, but in size from 2- to 5- inch blooms.

BABY ROYAL, S.C. , Salmon Pink, low bush. Some open centers .....	.20
BARBARA DOANE, S.C. , Light pink, lighter shadings and center. Low Bush .....	.25
BUCKEYE BABY, F. D. Small golden buff, early and profuse....	.30
CARLOTTA, Min. F.D. , Light carmine red, narrow folded florets, each daintily notched at end. Good stems, tall, and A florist's favorite .....	.20
DAD'S OWN, F. D. Glowing pink, cream shading at base. Lacinated floret ends. Long stems, good cut flower.....	.35
DELICAT, Inc. Cact. Orange buff, stems a little weak.....	.20
HAPPY-GO-LUCKY, Min. F. D. Our new origination, small light red, more or less tipped white. Variegated.....	.30
HOT SHOT, F. D. Small, brilliant deep red.....	.25
LILY BELLE, F. D. Soft rose pink.....	.35
LINA LINFIELD, F. D. Light lavender, almost blue. Flat florets like a water lily.....	.30
MARKET JEWEL, S.C. , Bright red.....	.25
ORCHID LADY, F. D. Light orchid pink, profuse.....	.25
PERSIMMON, F.D. , Bright orange red.....	.25

MINIATURE DAHLIAS

(Continued)

SNOWBALL. Ball, white, tall bush.....	.20
SNOW QUEEN, F.D., or Ball, White.....	.20
SORGHVLIET. Single, Amaranth pink shaded brown. Star-like formation, low bush.....	.25
SOUTH SEAS, I.D., Orange, shading to peach pink.....	.20
SPRINGHILL ROSE, F.D., American Beauty red.....	.25
TIP, St. Cact. Primrose yellow.....	.40
WINE DROP, F. D. Small reddish purple. Profuse.....	.25



POMPONS—25c per root

ALICE. Bright red, tall bush.	
ALLEN H., Light pink, flushed cream.	
AMBER QUEEN. Amber, or light orange. Profuse.	
BETTY ANN, Small. Soft rose pink.	
BLUE DOT. Deep lavender, extra good stems.	
COQUETTE. Small, creamy yellow base, shading to bright scarlet with some white florets. Much variegated.	
CORNELIA, White, lightly flushed light rose.	
DORIA, Small deep maroon	
EDITH MUELLER. Yellow, tipped carmine.	
EUNICE, light lavender and white. Tall bush.	
EUREKA, Light orange, tipped scarlet, some white florets.	
GERDA, Small buff, orange center.	
GOLDIE. Large, deep yellow.	
HAZEL DELL, Clear pink, edged cerise.	
HELEN ANITA, Lilac, white center, profuse.	
IOLANTHE, Salmon scarlet. Large, Tall bush.	
JOE FETTE, White	
LETA. Large, bright red.	
LIBBY ROHR, Deep purple, extra long stems.	
MARY MUNNS, Large light purple	
NERISSA. Small, bright pink.	
SPECKLES. Deep red and white, variegated.	
TAAKAS PURPLE, Large bright purple.	
TAAKAS YELLOW, Tall golden yellow.	
VALIANT. Large, bright red, tall bush.	
YELLOW GEM, Canary yellow.	



SENSATIONAL BLOOMS

Los Angeles, Cal., Dec. 14, 1950—"I would like to say that your Dahlias grew beautifully for me and cause quite a sensation when in full bloom. That, no doubt, is due to your fine stock."—E. E. S.

"The Highest Quality Dahlia Roots Obtainable"

Cultural Directions

For the healthy growth and the lovely blooms your Dahlia planting should be expected to produce, just a few simple requirements are demanded. These are easy to understand and follow when we consider the manner in which the Dahlia plant grows.

The root division which we plant has an eye near or on the part of the stalk which forms the top of the root. This eye contains the really important part of the entire root, and from it a stalk and feed roots grow to form the Dahlia plant. The rest of the root is merely a dinner basket to supply the necessary nourishment for starting the new plant. As soon as the feed roots, very fine at first, reach the point where they start to supply enough plant food to enable the newly-formed leaves above ground to begin work, the original root has performed its purpose, and may as well be disregarded. In proof of this, the root you plant may be cut in half or a still smaller portion be planted with a resultant vigorous plant, providing the conditions of soil and moisture, etc., are made right.

Thus the new plant needs nothing in the way of fertilizer or irrigation until the new feed roots are established. And the more numerous and faster-growing these feed roots, the stronger the plant and the better crop of roots for the next year. Any fertilizer should for this reason, not be placed in the hole in which the root is planted, but spread over the entire plot, as the new roots will cover in most cases the entire space allotted to your Dahlias.

Some of these new roots will thicken and begin to store up starch and other food elements, forming the new crop of storage roots. It is when these are growing and the buds on the plant are beginning to open that plenty of plant food and water are necessary. It is known that one bloom in the formation requires many times the water and food that is needed for the foliage and stalk growth.

It is clear anything which tends to interfere with the growth of these new feed roots will stunt the growth of the plant, so an over-supply of water at the start, or the presence of rotting vegetation or manure, anything which will cause these roots to rot before they reach a healthy growth, is to be avoided. Plenty of room is needed for root development and space between plants should be enough for good ventilation to avoid mildew of the foliage.

With an understanding of these requirements, we can plan the best way to plant and care for the Dahlias.

The soil should be loose and well drained. Spading deeply as soon as the ground can be worked in the spring is a necessary part of preparation. On heavy clay soil some sort of humus should be worked in, and some sand or fine coal ashes. If new clay, a dressing of agricultural lime raked in the surface after spading will be of advantage. If the ground has been planted to a root crop the year before an application of bone meal and potash should be made, and this worked into the surface before planting. About 5 pounds of bone meal and

1 pound of Muriate or Sulphate of Potash to every 10 plants.

When the soil has warmed up nicely, and not until then, is the time to plant. DO NOT PLANT A DAHLIA ROOT IN COLD, WET GROUND, and expect anything but failure. Some varieties may pull through, but nothing is gained by planting too early. A hole about 5 inches deep in heavy soil, to as deep as 8 inches in light sandy soil, is dug for each root, and allow at least 3 feet each way between holes. This for the large varieties. The Pompons may be spaced closer, also the miniatures for mass effects. A stake should be driven close to the hole and the root laid therein with the eye or sprout facing up, and toward the stake. The root should be covered about two inches, and the hole gradually filled in as the plant grows. It may be tied to the stake with soft twine or rag to avoid cutting the stalk.

For a bushy plant with numerous blooms the plant may be pinched out after the 3rd set of leaves form. This will force the buds at the base of the plant to develop and the plant will spread out. For large blooms, pinch out the buds on each branch down to the base buds leaving only one bud to a stalk. This allows long stems for cutting or exhibition. As Pompons and Miniatures are somewhat valued in inverse ratio to their size none of these should be disbudded, but the young plant may be pinched out to make more blooms.

There are a few insect pests which may infest your Dahlias, depending on your locality. Aphis or other sucking insects, or leaf hoppers or other chewing insects. There are a number of good sprays and dusts on the market, including the new DDT which may be used according to directions on the package. Your local feed store or hardware dealer will help you select whichever is indicated by your local conditions.

The ground around the Dahlia plants should be kept in a loose condition by frequent cultivation, deep at first and then shallower as the plant grows and the feed roots spread out, and near the surface. If your summer is very hot, a mulch between the Dahlias of grass clippings, or other material, will help keep the ground cool and avoid overheating the roots. During extreme heat it is advisable to pick off the buds and not allow blossoms to form, thus saving any possible dangerous wilting of the plant.

When watering, after the buds have started to open, and not until then, it is better to give the ground a thorough soaking once a week or every ten days, than to sprinkle the surface every day. The moisture should reach down about a foot to be of the most value.

Dahlia blooms should be cut either early in the morning before the sun starts to dry them out, or late in the evening. The best method of cutting for long-keeping blooms, is to carry a bucket of cold water into the garden and plunge the stem of the Dahlia into it as soon as it is cut from the bush. A knife should be used instead of scissors, as the object is to not press the stem shut, but rather leave it so that it will absorb water readily for the bloom. The cut flowers should then be placed in the cold water container, in a cool dark place, and away from any drafts, for several hours, or if cut in the evening, over night. After that they are ready for

"The Highest Quality Dahlia Roots Obtainable"

placing in your vases or other containers for display, and will keep much longer than if any other method of preparation is used. Too much foliage left on the stem will greatly lessen the keeping quality of the bloom.

After the first killing frost the Dahlia clumps should be dug and stored for the winter. If the sections where there is no frost, or where it comes very late in the year, the plants may be cut down any time and after allowing a few days for the sap to go down into the roots, the clumps may be dug and cared for the same as if they had been killed by frost. It is well to dig the dirt away from the clump and cut down with the spade all around it rather deep before lifting it out. This will cut the feed roots which may extend out as far as two feet from the stalk, and which might break some of the roots from the stalk if not cut. Any roots which are broken at the neck will probably not be any good the following spring.

The clump may be allowed to stand for a while to dry out the dirt, which may then be shaken off gently. Or a gentle stream of water may be used to wash the clumps. The stalk should then be cut off close to the clump, and it is then ready to be divided or stored.

A cool not too dry cellar is the best place for root storage, being sure it is frost proof. It does not need much below freezing to ruin Dahlia roots. Also, dry warm air will cause the roots to dry out and shrivel up, so that most of them will not grow in the spring.

In dividing the clumps, all that is necessary is to have an eye for each root saved, and these eyes are plainly visible at the time of digging, if one wishes to divide them then. This will do away with the possibility of stem rot, which sometimes spoils the entire clumps. Cut surfaces may be dusted or dipped in powdered lime or sulphur and the roots packed in boxes of fine sawdust, or even dry dirt. The name of the variety may be written on the root with an indelible pencil, moistening the surface so the writing will be permanent. This avoids the possibility of lost tags and mixed-up varieties.

Any special problems not covered will be gladly considered on request, and all available information thereto will be given.



CLASSIFICATION—Large varieties of Dahlias are classified for exhibition as "A"—those whose blooms grow 8 inches or more in diameter, and "B"—those whose blooms are more than 4 inches and less than 8 inches in diameter. **MINIATURES** are those under 4 inches and are distinct from the **POMPOMS** in that the florets are of the same type as those of the large varieties. These varieties are divided into the descriptive sections as follows: the abbreviations used in this catalog being:

Formal Decorative—F. D.

Informal Decorative—I. D.

Semi-Cactus—S. C.

Incurved Cactus—Inc. Cac.

Straight Cactus—St. Cac.